

IN THE CLAIMS:

Please amend claims 54-65 to the following:

54. A system, comprising:

an electrode structure which, in use, is deployed in contact with heart tissue; and

an interface, the interface including

 a controller coupled to the electrode structure operating to condition the electrode structure to perform a diagnostic or therapeutic procedure and to monitor events during the procedure,

 a display screen, and

 an interface manager coupled to the controller and the display screen, the interface manager including

 a first function to generate a display comprising a map of the electrode structure at least partially while performing the procedure, and

 a second function to annotate the map in response to events monitored by the controller,

wherein the electrode structure and map of the electrode structure includes a plurality of electrodes and further including a function to find an electrode on the display by entering a coordinate of the electrode.

55. A system, comprising:

an electrode structure which, in use, is deployed in contact with heart tissue; and

an interface, the interface including

a controller coupled to the electrode structure operating to condition the electrode structure to perform a diagnostic or therapeutic procedure and to monitor events during the procedure,

a display screen, and

an interface manager coupled to the controller and the display screen, the interface manager including

a first function to generate a display comprising a map of the electrode structure at least partially while performing the procedure, and

a second function to annotate the map in response to events monitored by the controller,

wherein the second function includes a function to manually add an annotation to the map of the electrode structure on the display, the annotation selected from the group consisting of an identifier, a marker, and an associated text comment.

56. A system according to claim 54 or 55, wherein the first function includes an adjustment function to manually alter the geometrical appearance of the map.

57. A method for mapping myocardial tissue, comprising:

deploying an electrode structure adjacent myocardial tissue;

generating a display comprising a map of the electrode structure;

causing the electrode structure to pace myocardial tissue and recording paced electrical events in the myocardial tissue while the map is displayed for viewing; and
annotating the map in response to the paced electrical events which are recorded,
wherein the electrode structure and map of the electrode structure include a plurality of electrodes and further including finding an electrode on the display by entering a coordinate of the electrode.

58. A method for mapping myocardial tissue,
B 1 deploying an electrode structure adjacent myocardial tissue;
generating a display comprising a map of the electrode structure;
causing the electrode structure to pace myocardial tissue and recording paced electrical events in the myocardial tissue while the map is displayed for viewing;
annotating the map in response to the paced electrical events which are recorded; and
manually adding an annotation to the map of the electrode structure on the display, the annotation selected from the group consisting of an identifier, a marker and an associated text comment.

59. A method for mapping myocardial tissue, comprising:
deploying an electrode structure adjacent myocardial tissue;
generating a display comprising a map of the electrode structure;
causing the electrode structure to pace myocardial tissue and recording paced electrical events in the myocardial tissue while the map is displayed for viewing;

annotating the map in response to the paced electrical events which are recorded; and manually altering the geometrical appearance of the map.

60. An interface for association with an electrode structure which, in use, is deployed in contact with heart tissue to perform a diagnostic or therapeutic procedure, the interface comprising:

a display screen; and

an interface manager coupled to the display screen and including a first function to generate a display comprising a map of the electrode structure at least partially while performing the procedure, and a second function to annotate the map to show an anatomic feature,

wherein the electrode structure and displayed map of the electrode structure includes a plurality of electrodes and further including a function to find an electrode on the display by entering a coordinate of the electrode.

61. An interface for association with an electrode structure which, in use, is deployed in contact with heart tissue to perform a diagnostic or therapeutic procedure, the interface comprising:

a display screen; and

an interface manager coupled to the display screen and including a first function to generate a display comprising a map of the electrode structure at least partially while performing the procedure, and a second function to annotate the map to show an anatomic feature,

wherein the second function includes a function to manually add an annotation to the map of the electrode structure on the display, the annotation selected from the group consisting of an identifier, a marker and an associated text comment.

62. An interface for association with an electrode structure which, in use, is deployed in contact with heart tissue to perform a diagnostic or therapeutic procedure, the interface comprising:

a display screen; and

an interface manager coupled to the display screen and including a first function to generate a display comprising a map of the electrode structure at least partially while performing the procedure, and a second function to annotate the map to show an anatomic feature,

wherein the first function includes an adjustment function to manually alter the geometric appearance of the map in response to operator input.

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63. A method for examining myocardial tissue, comprising:

deploying an electrode structure adjacent myocardial tissue;

generating a display comprising a map of the electrode structure;

annotating the map to show an anatomic feature; and

causing the electrode structure to conduct a diagnostic or therapeutic procedure affecting myocardial tissue while the map is displayed for viewing,

wherein the electrode structure and displayed map of the electrode structure includes a plurality of electrodes and further including finding an electrode on the display by entering a coordinate of the electrode.

64. A method for examining myocardial tissue, comprising:

deploying an electrode structure adjacent myocardial tissue;

generating a display comprising a map of the electrode structure;
annotating the map to show an anatomic feature;
causing the electrode structure to conduct a diagnostic or therapeutic procedure affecting myocardial tissue while the map is displayed for viewing; and
manually adding an annotation to the map of the electrode structure on the display, the annotation selected from the group consisting of an identifier, a marker and an associated text comment.

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65. A method for examining myocardial tissue, comprising:
deploying an electrode structure adjacent myocardial tissue;
generating a display comprising a map of the electrode structure;
annotating the map to show an anatomic feature;
causing the electrode structure to conduct a diagnostic or therapeutic procedure affecting myocardial tissue while the map is displayed for viewing; and
manually altering the geometric appearance of the map.